User manual

SG-1 / 2 D

Universal extractor units

WASSERMANN DENTAL-MASCHINEN

CE

WASSERMANN DENTAL-MASCHINEN GMBH

Dear customer,

Thank you for choosing a product from the Wassermann range. Wassermann dental equipment incorporates the highest standards of quality and the latest technology. In order to enjoy maximum performance and years of trouble-free operation from the equipment, please read this user manual carefully before you start work, and operate the unit according to the recommended guidelines.
Please ensure that all persons operating the equipment have read and understood this user manual.

Keep this user manual on hand for ready reference.

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Contents

Contents **2**
1 For your safety **3**
1.1 CORRECT USE OF THIS PRODUCT 3
1.2 SAFETY SYMBOLS USED IN THIS MANUAL 3
1.3 SAFETY GUIDELINES 4
1.4 RESPONSIBILITY FOR OPERATION AND DAMAGE 4
1.5 AUTHORIZED USERS 5
2 Care and maintenance **5**
2.1 MAINTENANCE 5
2.2 CARE 5
3 Use/ Application **6**
4 Before you start **6**
4.1 UNPACKING / TRANSPORT 6
4.2 CONTENTS 7
5 Start-up **7**
6 Troubleshooting / Correcting errors **7**
6.1 TECHNICAL DATA 8
6.2 ACCESSORIES AND SPARE PARTS 8
6.3 REPAIRS 9
7 Warranty **9**
8 EC conformity certificate **10**

1 For your safety

1.1 Correct use of this product

The SG-1/2 D has an automatic level monitor, which cuts the motor when the filter is full, while simultaneously turning on a red warning light. If this happens, you will need to change the filter.

Turning the unit off cancels the warning light. The filter level is pre-set at the factory.

The SG-1/2 D also has an automatic cut-in feature. As soon as you start the handpiece motor, the suction unit starts as well. There is a built-in delay of about 20 seconds to allow for short breaks in the work process

1.2 Safety symbols used in this manual

Warning!

This is a warning of risk situations and dangers.

Failure to observe this warning could be life-threatening. These warnings must be observed!

Information!

This symbol draws your attention to specific features, which should be noted.

1.3 Safety guidelines

Configuring and operating this equipment requires ***precise knowledge*** and ***observance*** of the instructions in this ***user manual***. The equipment is designed only for its intended application.

Servicing and repairs should be carried out only by authorised specialists.

Make sure that the unit is connected to the correct mains voltage.

1.4 Responsibility for operation and damage

The responsibility for operating the unit lies exclusively with the owner or user if the said unit is incorrectly serviced, maintained or altered by persons not employed by an accredited dealer or if the unit is used in a manner contrary to its specified purpose.

The unit must be maintained and operated in accordance with this user manual. Wassermann Dental-Maschinen GmbH is not responsible for damage arising from the ***non-observance*** of these instructions.

Guarantee and responsibility provisions contained in the sales and supply conditions of Wassermann Dental-Maschinen GmbH are not extended by these instructions.

Product responsibility lapses if the equipment is altered by unauthorized third parties or if non-original parts are installed. Use only original WASSERMANN replacement parts

1.5 Authorized users

The owner of the equipment must ensure that any users have been provided with the user manual and that they have read and understood its contents before operating the equipment.

Ensure that this user manual is accessible at all times and has been read and understood.

2 Care and maintenance

2.1 Maintenance

Always disconnect the power cable before undertaking cleaning or maintenance.
The model plate must always be legible and should not be removed.

The equipment should be cleaned at regular intervals to ensure trouble-free operation. It requires only normal cleaning (sponge, damp cloth, mild detergent). Do not use chemical additives.

2.2 Care

Remove external dirt from time to time with some form of cold cleaner.
Use only cold cleaners to avoid damaging the paintwork or removing the lettering.

3 Use/ Application

The SG-1/2 D suction unit is a technically proven and solid piece of equipment made entirely of metal. It is intended primarily for use with the Cemat-NT range as it has an additional socket for that purpose. Its automatic cut-out feature, when the filter is full, provides additional protection.

4 Before you start

4.1 Unpacking / Transport

- Open the cartons, remove the packing materials, and carefully lift out the instrument and accessories. Check that the accessories are correct.
- When transporting the unit, use appropriate packing materials to avoid accidental damage.

Locate the user manual and read it carefully.

When unpacking, it is important to identify any accidental transport damage. If necessary, draw up an immediate status report.

4.2 Contents

Supply line with switchable shock proof plug	140022
Conductance sheet	140108
Micro fine dust filterbag	- - -

5 Start-up

The unit must be at room temperature before you start it.

1. Connect the extractor unit to the mains.
2. Finishing tools can be plugged in to the socket at the side.
3. The switch in the earthed plug is used to turn on the suction as well as the power for the finishing tool.
4. Turn on the green rocker switch.
5. The plate controls the direction of the exiting air.

6 Troubleshooting / Correcting errors

Fault	**Likely cause**	**Likely solution**
Full filter red light comes on	Filter full	Change filter or switch to continuous operation
Green rocker switch lights up but nothing happens	Faulty mains switch	Replace mains switch

If the above recommendations do not solve the problem, contact your dental depot or our Service department.

6.1 Technical data

Voltage*	220–240 V / 50/60 Hz
Output	105 W
Power consumption	0.5 A
Power consumption connection unit	max. 2 A
W x H x D	410 x 460 x 185 mm
Weight	12.7 kg
Sound level	61 dB(A)
Suction capacity	360 m^3/h (free-blowing)

Noise emission ≤ 70db(A).

We reserve the right to make technical changes

6.2 Accessories and spare parts

Accessories	**Item no.:**
Spare micro fine dust filterbag (dust class M) 1 set = 3 pieces	611015
Spare filterbag for plaster (class 1 / class 2) 1 set = 3 pieces	611017

If spare parts are necessary please contact our service hotline phone:
0049 (0)40 / 730 92 6-0

6.3 Repairs

Servicing or repairs to the unit must only be carried out by trained technicians.
Only original spares are to be used.
Responsibility for the product is voided if altered by unauthorized persons or if inappropriate components are installed.

7 Warranty

The warranty period for our equipment is 12 months. If faults occur within the warranty period, contact your dental depot or get in touch directly with our Service department. Your suction unit should only be operated in perfect condition. If faults occur which could harm operators or third parties, the unit should not be used until it has been fixed. This warranty does not cover damage caused by improper use, external mechanical causes, transport damage or interference with the unit by unauthorized persons.

8 EC conformity certificate

in accordance with 2006/95/EG (low-voltage guidelines) and 2004/108/EG (EMV guidelines) and 98/37/EG (machinery guidelines)

Manufacturer:	W A S S E R M A N N Dental-Maschinen GmbH Rudorffweg 15 - 17 D-21031 Hamburg	Product description:	Univeral suction unit for dental applications
Model:	SG-1/2 D universal suction unit		140997
Applicable standards:	DIN EN 61010-1:2004 DIN EN 61000-6-3:2005 DIN EN 61000-6-1:2002 DIN 45635-1:1984 DIN EN 60335-1:2007		

Hiermit wird bestätigt, dass die oben bezeichnete Maschine den genannten EG-Richtlinien entspricht. Diese Erklärung wird ungültig, falls die Maschine ohne unsere Zustimmung verändert wird.

This is to confirm that the above mentioned machine complies with the described EC rules. This declaration becomes invalid if the machine is modified without our approval.

Cette machine est conforme aux normes en vigueur de la Communité Européene. Cet avis est nul et non avenant si cette machine est modifiée sans notre accord.

Esta máquina, anteriormente mencionada, cumple con los limites requeridos por el reglamento EC. Ahora bien, esta declaración quedará invalidada en caso de realizar modificaciones al aparato sin nuestra aprobación.

Hiermee wordt bevestigd dat bovengenoemde machine voldoet aan de voorgeschreven EU normen. Deze verklaring verliest geldigheid als er zonder onze uitdrukkelijke toestemming wijzigen aan de machine worden aangebracht.

Place, date: Hamburg, 20.07.2007 Company stamp:

WASSERMANN DENTAL-MASCHINEN GMBH Rudorffweg 15-17 • 21031 Hamburg

Signed: _____

Wilfried Wassermann
(Managing Director)

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